

Geographic Information Office

Wisconsin Department of Administration, Division of Enterprise Technology

Strategic Plan

VISION

A knowledgeable, unified, and systematized Wisconsin geospatial community that operates with accurate, timely, integrated, and standardized geographic information systems for service delivery to the government and citizens of the state of Wisconsin.

MISSION

The Geographic Information Office within the Wisconsin Department of Administration Division of Enterprise Technology will facilitate coordination, promote efficient data sharing, maintain effective and robust geographic information systems, promote strategic state enterprise geospatial goals, and thereby better enable enterprise spatial information utilization.

GOALS AND OBJECTIVES

1. Build out Spatial Data Repository and create Enterprise GeoPortal

- 1.A. Host Spatial Data Repository for GIS vector and raster themes, metadata, map and feature services.
 - 1.A.i. Define Repository architecture and expansion plans to accommodate new data acquisitions, caching, tiling and expanded customer usage
 - 1.A.ii. Work with appropriate stakeholder groups on priorities and standards for Repository thematic content
 - 1.A.ii.a. Examine hosting current parcel data sets during, and in collaboration with, Division of Intergovernmental Relations work on the Implementation Plan for Statewide Digital Parcel Mapping
 - 1.A.ii.b. Examine hosting statewide imagery as a map service, with attention to performance, standards, and cost/benefit
 - 1.A.iii. Work with geospatial data custodians on acquisition and assemblies of statewide geospatial data
 - 1.A.iv. Promote repository data services
- 1.B. Host a state enterprise GeoPortal for discovery and connection to GIS resources
 - 1.B.i. Identify candidate service platforms which efficiently and cost effectively meet Wisconsin needs
 - 1.B.ii. Build GeoPortal to support WI enterprise discovery and delivery needs
 - 1.B.iii. Identify state agency and statewide collections of geospatial resources
 - 1.B.iv. Provide clearinghouse and metadata discovery
 - 1.B.v. Enable spatial data mash-ups and application sharing

2. Update Enterprise GIS Services

- 2.A. Update Shared Environment GIS Infrastructure available to customers
 - 2.A.i. Continue support and maintenance for Shared Environment
- 2.B. Provide consultation, development and maintenance for Shared Environment
- 2.C. Develop Shared Environment application code repository

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- 2.D. Investigate GIS mapping application templates
- 2.E. Work with SAGIC on a broader state agency solution for Address Standardization, Geocoding, and Geolocational Mapping.
- 2.F. Work with SAGIC on a state agency Enterprise License Agreement proposal
- 2.G. Investigate agency GIS training needs
 - 2.G.i. Work with the UW System contacts on university education and training possibilities
- 2.H. Research use/utility for thematic and scale-based basemaps in GeoPortal delivery options
- 2.I. Research GIS application delivery options available in the Cloud and via major mobile operating systems

3. Propose Enterprise Service Standards and Governance

- 3.A. Develop pragmatic business approach to GIS delivery
- 3.B. Establish position on thematic data needs, value to customers, delivery issues, and priority
- 3.C. Advocate for statewide cross-jurisdictional geospatial data sharing agreements
- 3.D. Support 3 tiered state government GIS governance model through leadership, SAGIC and Management Cabinet
 - 3.D.i. Administrative - prioritization and resourcing
 - 3.D.ii. Technical - needs, process and standards
 - 3.D.iii. DET/GIO - delivery
- 3.E. Support a Wisconsin public, private, partnership – Council - for general Wisconsin geospatial governance

4. Inform and Communicate on enterprise GIS developments, news and direction with stakeholder groups

- 4.A. Rework existing SAGIC and WIGICC websites to SharePoint services
- 4.B. Promote governance model to stakeholder groups.
- 4.C. Engage GIS stakeholder groups (4.C.i) in activities related to prioritization, standards, architecture, and governance.
 - 4.C.i. WLIA, SAGIC, WIGICC, LION, SCO, UW GeoAlliance, ad hoc others
- 4.D. Report enterprise GIS progress at meetings of GIS stakeholder organizations
- 4.E. Participate in enterprise learning and collaboration opportunities beneficial to enterprise GIS strategic futures
- 4.F. Inform stakeholder groups regarding GIS opportunities of interest to Wisconsin